

* NOTICES *

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1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
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CLAIMS

[Claim(s)]

[Claim 1] A tumor associated antigen CAMEL in which a code is carried out by ORF-1 of LAGE-1 cDNA and which has an amino acid sequence of a publication for an array number 2.

[Claim 2] A tumor associated antigen according to claim 1 for using for cancer treatment.

[Claim 3] An immunogenicity (Pori) peptide of the tumor associated antigen origin according to claim 1.

[Claim 4] An immunogenicity peptide according to claim 3 characterized by having amino acid sequence Met Leu Met Ala Gln Glu Ala Leu Ala Phe Leu (array number 11).

[Claim 5] An immunogenicity peptide according to claim 3 characterized by having amino acid sequence Leu Met Ala Gln Glu Ala Leu Ala Phe Leu (array number 12).

[Claim 6] An immunogenicity peptide according to claim 3 characterized by having amino acid sequence Phe Leu Met Ala Gln Gly Ala Met Leu (array number 24).

[Claim 7] An immunogenicity peptide according to claim 3 characterized by having amino acid sequence Ala Met Leu Ala Ala Gln Glu Arg Arg Val (array number 25).

[Claim 8] An immunogenicity peptide according to claim 3 characterized by having amino acid sequence Met Leu Ala Ala Gln Glu Arg Arg Val (array number 26).

[Claim 9] An immunogenicity peptide given in any 1 term of claims 3-8 for using it for cancer treatment.

[Claim 10] A physic constituent containing a tumor associated antigen CAMEL according to claim 1.

[Claim 11] A physic constituent containing an immunogenicity peptide of claim 3-8 given in any 1 term.

[Claim 12] An isolation DNA molecule which includes an array of a publication in an array number 1.

[Claim 13] A recombinant DNA molecule containing a DNA molecule according to claim 12.

[Claim 14] A DNA molecule according to claim 12 or 13 for using it for cancer immunotherapy.

[Translation done.]